

37. {NEW} The liquid crystal display device of claim 20, wherein the phase compensation element has an index ellipsoid which has three principal axes, a-axis, b-axis and c-axis, which are orthogonal to one another and three principal refractive indices,  $n_a$ ,  $n_b$  and  $n_c$ , and wherein  $n_a > n_b$ ,  $n_c > n_b$ , a-axis is substantially parallel to a layer plane of the liquid crystal layer, and b-axis is inclined with respect to a layer normal of the liquid crystal layer.

38. {NEW} A liquid crystal display device, comprising:  
a liquid crystal cell, the liquid crystal cell including a pair of substrates and a liquid crystal layer provided between the pair of substrates;  
a pair of polarizers provided so as to oppose each other via the liquid crystal cell therebetween;  
a phase compensation element provided between the liquid crystal cell and at least one of the pair of polarizers; and  
an antiglare layer provided on a viewer side of one of the pair of polarizers which is provided closer to a viewer,  
wherein a chromaticity value (x, y) has a relationship of  $x \leq 0.3581$  and  $y \leq 0.3675$  when a viewing angle is  $50^\circ$ .

39. {NEW} The liquid crystal display device of claim 38, wherein a chromaticity value (x, y) has a relationship of  $x \leq 0.3647$  and  $y \leq 0.3650$  when a viewing angle is  $60^\circ$ .

40. {NEW} The liquid crystal display device of claim 38, wherein the phase compensation element has an index ellipsoid which has three principal axes, a-axis, b-axis and c-axis, which are orthogonal to one another and three principal refractive indices,  $n_a$ ,  $n_b$  and  $n_c$ , and wherein  $n_a > n_b$ ,  $n_c > n_b$ , a-axis is substantially parallel to a layer plane of the liquid crystal layer, and b-axis is inclined with respect to a layer normal of the liquid crystal layers.

41. {NEW} The liquid crystal display device of claim 38, wherein the phase compensation element has an index ellipsoid which has three principal axes, a-axis, b-axis and c-axis, which are orthogonal to one another and three principal refractive indices,  $n_a$ ,  $n_b$  and  $n_c$ , and wherein  $n_a = n_c > n_b$ , a-axis is substantially parallel to a layer plane of the liquid crystal layer, and b-axis is inclined with respect to a layer normal of the liquid crystal layer.

42. {NEW} The liquid crystal display device of claim 38, wherein the antiglare layer has an internal scattering layer and a scattering surface.

43. {NEW} The liquid crystal display device of claim 42, wherein the internal scattering layer includes a polymer matrix and particles dispersed in the polymer matrix, the particles have a scattering center, and a refractive index of the particles and a refractive index of the polymer matrix are different from each other.

44. {NEW} The liquid crystal display device of claim 38, wherein a haze value of the antiglare layer is equal to or greater than 15.

45. {NEW} The liquid crystal display device of claim 38, wherein a haze value of the antiglare layer is equal to or greater than 40.

46. {NEW} The liquid crystal display device of claim 38, wherein the antiglare layer is such that a value of transmitted image clarity is equal to or greater than 10 as measured with an image clarity meter in which a width of an optical comb is 0.5 mm.

47. {NEW} The liquid crystal display device of claim 38, wherein a refractive index anisotropy  $\Delta n(550)$  of a liquid crystal material of the liquid crystal layer for light having a wavelength of 550 nm is in a range of  $0.060 < \Delta n(550) < 0.120$ .

48. {NEW} The liquid crystal display device of claim 38, wherein the phase compensation element is arranged so that b-axis forms an angle in a range of  $15^\circ$  to  $75^\circ$  with respect to a layer normal of the liquid crystal layer.

49. {NEW} The liquid crystal display device of claim 38, wherein  $(n_a - n_b) \times d$  is in a range of 80 nm to 250 nm, where d denotes a thickness of the phase compensation element in a layer normal direction of the liquid crystal layer.

50. {NEW} A liquid crystal display device, comprising:  
a liquid crystal cell, the liquid crystal cell including a pair of substrates and a liquid crystal layer provided between the pair of substrates;  
a pair of polarizers provided so as to oppose each other via the liquid crystal cell therebetween;  
a phase compensation element provided between the liquid crystal cell and at least one of the pair of polarizers; and  
an antiglare layer provided on a viewer side of one of the pair of polarizers which is provided closer to a viewer,  
wherein a chromaticity value (x, y) has a relationship of  $x \leq 0.3647$  and  $y \leq 0.3650$  when a viewing angle is  $60^\circ$ .

51. {NEW}. The liquid crystal display device of claim 50, wherein the phase compensation element has an index ellipsoid which has three principal axes, a-axis, b-axis and c-axis, which are orthogonal to one another and three principal refractive indices,  $n_a$ ,  $n_b$  and  $n_c$ , and wherein  $n_a > n_b$ ,  $n_c > n_b$ , a-axis is substantially parallel to a layer plane of the liquid crystal layer, and b-axis is inclined with respect to a layer normal

of the liquid crystal layer.

52. {NEW} The liquid crystal display device of claim 50, wherein the phase compensation element has an index ellipsoid which has three principal axes, a-axis, b-axis and c-axis, which are orthogonal to one another and three principal refractive indices,  $n_a$ ,  $n_b$  and  $n_c$ , and wherein  $n_a = n_c > n_b$ , a-axis is substantially parallel to a layer plane of the liquid crystal layer, and b-axis is inclined with respect to a layer normal of the liquid crystal layer.

53. {NEW} The liquid crystal display device of claim 50, wherein the antiglare layer has an internal scattering layer and a scattering surface.

54. {NEW} The liquid crystal display device of claim 53, wherein the internal scattering layer includes a polymer matrix and particles dispersed in the polymer matrix, the particles have a scattering center, and a refractive index of the particles and a refractive index of the polymer matrix are different from each other.

55. {NEW} The liquid crystal display device of claim 50, wherein a haze value of the antiglare layer is equal to or greater than 15.

56. {NEW} The liquid crystal display device of claim 50, wherein a haze value of the antiglare layer is equal to or greater than 40.

57. {NEW} The liquid crystal display device of claim 50, wherein the antiglare layer is such that a value of transmitted image clarity is equal to or greater than 10 as measured with an image clarity meter in which a width of an optical comb is 0.5 mm.